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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ivan Osorio et al

Group Art Unit:

Appln.. No.: 10/622,239

Confirmation No.:

Filing Date: July 18, 2003

For: STIMULATION METHODOLOGIES AND APPARATUS FOR CONTROL OF
BRAIN STATES

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
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Enclosed herewith are the following for the above-referenced patent application:

[X] Information Disclosure Statement Form PTO-1449 and 17 references. No Office

Action has been issued in regard to this application.

Respectfully submitted,

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Donald R. Schoonover



FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 1071703	SERIAL NO. 10/622,239
LIST OF PRIOR ART CITED BY APPLICANT		APPLICANT Ivan Osorio et al	
		FILING DATE July 18, 2003	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	5,938,689	08/1999	Fischell et al			
	AB	5,995,868	11/1999	Dorfmeister et al			
	AC	6,161,045	12/2000	Fischell et al			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AD							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, etc.)

	AE	✓	A Permanent Change in Brain Function Resulting from Daily Electrical Stimulation, by G. V. Goddard, D. C. McIntyre and C. K. Leech, <i>Exp Neurol.</i> 25(3) :295-330 (1969)
	AF	✓	Exacerbation of Seizures in Children by Carbamazepine, by O. Carter Snead, III, and Lynn C. Hosey, <i>The New England Journal of Medicine</i> , 313(15) :916-921 (1985)
	AG	✓	Antiepileptic Drug Intoxication: Factors and Their Significance, by Ramon Manon-Espaillat, Thomas H. Bernstine, Bernd Remler, Ronald C. Reed and Ivan Osorio, <i>Epilepsia</i> , 32(1) :96-100 (1991)
	AH	✓	Kindling-Induced Potentiation in the Piriform Cortex, by R. J. Racine, K. A. Moore and C. Evans, <i>Brain Research</i> , 556 :218-225 (1991)
	AI	✓	Stimulus-Dependent, Reciprocal Up- and Downregulation of Glutamic Acid Decarboxylase and Ca ²⁺ /Calmodulin-Dependent Protein Kinase II Gene Expression in Rat Cerebral Cortex, by F. Liang, P. J. Isackson and E. G. Jones, <i>Exp. Brain Research</i> , 110 :163-174 (1996)
	AJ	✓	Real Time Automated Detection and Quantitative Analysis of Seizures and Short Term Predictions of Clinical Onset, by Ivan Osorio, Mark G. Frei and S. B. Wilkinson, <i>Epilepsia</i> 39(16) :615-627 (1998)
	AK	✓	Do Antiepileptic Drugs Exacerbate Seizures?, by Pierre Loiseau, <i>Epilepsia</i> , 39(1) :2-4 (1998)
	AL	✓	Antiepileptic Drugs as a Cause of Worsening Seizures, by E. Perucca, L. Gram, G. Avenzini and O. Dilac, <i>Epilepsia</i> , 39(1) :5-17 (1998)
	AM	✓	Effects of Applied Currents on Spontaneous Epileptiform Activity Induced by Low Calcium in the Rat Hippocampus, by R. James Warren and Dominique M. Durand, <i>Brain Research</i> , 806 :186-195 (1998)
	AN	✓	Refractory Idiopathic Absence Status Epilepticus: a Probable Paradoxical Effect of Phenytoin and Carbamazepine, by Ivan Osorio, R. C. Reed and Jill N. Peltzer, <i>Epilepsia</i> , 41(7) :887-894 (2000)
	AO	✓	Vagal and Sciatic Nerve Stimulation Have Complex Time-Dependent Effects on Chemically Induced Seizures: A Controlled Study, S. Sunderam, Ivan Osorio, J. F. Watkins III, S. B. Wilkinson, Mark G. Frei and R. E. Davis, <i>Brain Research</i> 918(1-2) :60-66 (2001)
	AP	✓	An Introduction to Contingent (Closed-Loop) Brain Electrical Stimulation for Seizure Blockage, to Ultra-Short Term Clinical Trials and to Multidimensional Statistical Analysis of Therapeutic Efficacy, by Ivan Osorio, Mark G. Frei, B. F. J. Manly, S. Sunderam, Naresh C. Bhavaraju and S. B. Wilkinson, <i>J. Clin. Neurophysiol.</i> 18(6) :533-544 (2001)
	AQ	✓	Seizure Blockage with Automated "Closed-Loop" Electrical Stimulation: A Pilot Study, by Ivan Osorio, Mark G. Frei, S. B. Wilkinson, S. Sunderam, Naresh C. Bhavaraju, N. Graves, S. F. Schaffner, T. Peters, A. M. Johnson, C. A. DiTeresi, J. Ingram, V. Nagaraddi, J. Overman, M. A. Kavalir and M. Turnbull, <i>Epilepsia</i> 42(7) :(Abstract 2.336) (2001)
	AR	✓	Mechanisms of Deep Brain Stimulation: Excitation or Inhibition, by Jerrold L. Vitek, <i>Movement Disorders</i> , 17(3) , S69-S72 (2002)

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	